

Package: fastrmodels (via r-universe)

October 5, 2026

Title Models for the 'nflfastR' Package

Version 2.1.0

Description A data package that hosts all models for the 'nflfastR' package.

License MIT + file LICENSE

URL <https://github.com/nflverse/fastrmodels>

BugReports <https://github.com/nflverse/fastrmodels/issues>

Depends R (>= 4.1.0)

Imports xgboost (>= 1.1)

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

LazyData true

LazyDataCompression xz

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

Config/pak/sysreqs make

Repository <https://nflverse.r-universe.dev>

Date/Publication 2026-02-07 13:19:51 UTC

RemoteUrl <https://github.com/nflverse/fastrmodels>

RemoteRef HEAD

RemoteSha 75c7b68bc49535370236c38c9826265da075bd71

Contents

cp_model	2
ep_model	2
fg_model	3

wp_model	3
wp_model_spread	4
xpass_model	4
xyac_model	5

Index	6
--------------	----------

cp_model	<i>nflfastR Completion Probability Model</i>
----------	--

Description

nflfastR Completion Probability Model

Usage

cp_model

Format

A raw vector representation of a XGBoost model

Source

See <https://opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

ep_model	<i>nflfastR Expected Points Model</i>
----------	---------------------------------------

Description

nflfastR Expected Points Model

Usage

ep_model

Format

A raw vector representation of a XGBoost model

Source

See <https://opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

fg_model	<i>nflfastR Field Goal Model</i>
----------	----------------------------------

Description

nflfastR Field Goal Model

Usage

fg_model

Format

A generalized additive model (GAM)

Source

See <https://opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

wp_model	<i>nflfastR Win Probability Model</i>
----------	---------------------------------------

Description

nflfastR Win Probability Model

Usage

wp_model

Format

A raw vector representation of a XGBoost model

Source

See <https://opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

wp_model_spread	<i>nflfastR Win Probability Model (including Spread)</i>
-----------------	--

Description

nflfastR Win Probability Model (including Spread)

Usage

wp_model_spread

Format

A raw vector representation of a XGBoost model

Source

See <https://opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

xpass_model	<i>nflfastR Expected Pass Model</i>
-------------	-------------------------------------

Description

nflfastR Expected Pass Model

Usage

xpass_model

Format

A raw vector representation of a XGBoost model

Source

See <https://opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

xyac_model	<i>nflfastR Expected Yards after Catch Model</i>
------------	--

Description

nflfastR Expected Yards after Catch Model

Usage

```
xyac_model
```

Format

A raw vector representation of a XGBoost model

Source

See <https://opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

Index

* datasets

- cp_model, [2](#)
- ep_model, [2](#)
- fg_model, [3](#)
- wp_model, [3](#)
- wp_model_spread, [4](#)
- xpass_model, [4](#)
- xyac_model, [5](#)

cp_model, [2](#)

ep_model, [2](#)

fg_model, [3](#)

wp_model, [3](#)

wp_model_spread, [4](#)

xpass_model, [4](#)

xyac_model, [5](#)